

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080007
Agency Interest No. 2367

Ralph Caddell
Site Manager
PO Box 11
St. Gabriel, LA 70776-0011

RE: Part 70 Operating Permit Renewal/Modification, Multi-Product Facility, Syngenta Crop Protection Inc., St. Gabriel, Iberville Parish, Louisiana

Dear Mr. Ralph Caddell:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2842-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:fjh

c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
Agency Interest No.: 2367
Syngenta Crop Protection Inc.
St. Gabriel, Iberville Parish, Louisiana

I. Background

Syngenta Crop Protection Inc, Multi-Product Facility (MPF), is an existing batch production facility. The Multi-Product Facility currently operates under Permit No. 2842-V1, issued November 30, 2003 and Administrative Amendment dated February 21, 2005.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Syngenta Crop Protection Inc. on March 19, 2008 requesting a Part 70 operating permit renewal/modification. A revised application was received on December 23, 2008.

III. Description

The Syngenta St. Gabriel Plant manufactures and formulates pesticides and specialty chemicals. Specific processes include: 1) manufacture, formulation, and packaging of s-triazine herbicides, 2) manufacture of hydrogen cyanide, a raw material, 3) manufacture, formulation, and packaging activities for various other pesticides, and specialty chemicals, and 4) supportive activities for the above which include effluent treatment systems, maintenance, utilities, analytical and quality control. Additionally, hazardous and non-hazardous solid waste streams are incinerated in the St. Gabriel Plant multi-purpose rotary kiln incinerator.

The MPF is a batch production facility which manufactures a variety of specialty chemicals, pesticides, and intermediates. MPF utilizes a variety of reactors and other vessels which are configured differently depending on the campaign. All equipment vents are routed to either the Vent Gas Combustor (Emission Point 7-87), or the unit Scrubber (Emission Point 2-84), depending on the stream being generated. In addition to these reactors, the majority of the tank vents are also routed to the vent gas combustor.

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The proposed modifications for the MPF are as follows:

1. Include Case-by-Case Insignificant Activity submitted May, 29, 2003 for increase in benzene and methanol emissions from Emission Point 7-87, MPF Vent Combustor as a result of the gas purification project;
2. Include Administrative Amendment received October 18, 2006 to change monitoring frequency for the MPF Vent System Scrubber (Emission Point RLP125) from every four hours to once per day;
3. Incorporate the applicable provisions of the Miscellaneous Organic NESHAP (MON) as addressed in the Notice of Compliance Guidance Document submitted October 3, 2008;
4. Include Authorization to Construct Project that was granted on October 27, 2008 to reroute the Hydrogen Vent (Emission Point 8-87) to the Vent Gas Combustor (Emission Point 7-87) and delete the Hydrogen Vent (Emission Point 8-87). The process reactors currently routed to this control device will be rerouted to Vent Gas Combustor (Emission Point 7-87), which has greater control efficiency (99.7%). The additional loading to the VGC is addressed in the emission calculations and shown on EIQ 7-87;
5. Add very minor quantities of benzene and chloro-dibenzo-dioxin emissions to the Vent Gas Combustor (VGC) (Emission Point 7-87) and include the emissions from the reactors currently routed to the Hydrogen Vent (Emission Point 8-87);
6. Update the monitoring, recordkeeping and/or reporting requirements as needed to be consistent with applicable regulatory requirements;
7. Remove Specific Condition 4, Vent System Scrubber (Emission Point 2-84), as addressed in the current permit. The condition established different VOC emission limits and associated VOC recordkeeping requirements to address the use of the solvent, heptane, during the manufacture of Tinuvin 292. This material is no longer manufactured at the facility;
8. Delete the particulate matter (PM₁₀) emissions from the MPF Vent System Scrubber (Emission Point 2-84). There are no PM₁₀ emissions from this source;
9. Revise the emission calculations for the MPF Vent Combustor (Emission Point 7-87) and the MPF Vent System Scrubber (Emission Point 2-84) to reflect current operations;
10. Revise the emission calculations for MPFFUG, MPF Equipment Fugitives, to reflect the updated component count information and chemical speciation by component based on component usage during product manufacture; and
11. Increase the production rate of Demp-amide from process enhancement. There will be no increase in permitted emissions rates.

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Estimated emissions in tons per year are as follows:

| <u>Pollutant</u> | <u>Before</u> | <u>After</u> | <u>Change</u> |
|------------------|---------------|--------------|---------------|
| PM ₁₀ | 0.65 | 0.16 | - 0.49 |
| SO ₂ | 17.22 | 1.24 | - 15.98 |
| NO _x | 13.53 | 13.54 | + 0.01 |
| CO | 4.40 | 4.38 | - 0.02 |
| VOC* | 110.34 | 108.14 | - 2.20 |

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

| <u>Pollutant</u> | <u>Before</u> | <u>After</u> | <u>Change</u> |
|-------------------------------|---------------|--------------|---------------|
| Acetonitrile | <0.01 | - | - |
| Ammonia | 0.02 | < 0.001 | - 0.02 |
| Benzene | <0.01 | <0.001 | - |
| Chlorinated Dibenzo-P-Dioxins | - | <0.0001 | <0.0001 |
| Cumene | <0.01 | 0.16 | + 0.16 |
| Ethylbenzene | - | 0.004 | + 0.004 |
| Ethylene Glycol | <0.01 | <0.001 | - |
| Hydrogen Chloride | 10.09 | 0.001 | - 10.09 |
| Hydrogen Fluoride | <0.01 | - | - |
| Methanol | 16.01 | 12.09 | - 3.92 |
| Sulfuric Acid | - | 0.02 | + 0.02 |
| Toluene | 28.64 | 33.71 | + 5.07 |
| Tri chloroethylene | - | <0.001 | - |
| Naphthalene | - | 0.01 | + 0.01 |
| Xylene | <0.01 | 0.31 | + 0.31 |
| Total | 54.76 | 46.31 | - 8.45 |
| Other VOC (TPY): | 61.83 | | |

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

The facility is also subject to NESHAP 40 CFR 63 FFFF, Miscellaneous Organic Chemical Manufacturing

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, on XX, 2009, and in the Plaquemine Post/South, Plaquemine, on XX, 2009, and submitted to the Iberville Parish Library, East Iberville Branch, on XX, 2009. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XX, 2009. The draft permit was also submitted to US EPA Region VI on XX, 2009.

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VII. Effects on Ambient Air

Emissions associated with the proposed facility renewal/modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model Used: None

| Pollutant | Time Period | Calculated Maximum Ground Level Concentration | Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS}) |
|-----------|-------------|---|--|
| - | - | - | - |

VIII. General Condition XVII Activities

| Work Activity | Schedule | PM ₁₀ | Emission Rates - tons | | | |
|---------------|----------|------------------|-----------------------|-----------------|----|-----|
| | | | SO ₂ | NO _x | CO | VOC |
| N/A | | | | | | |

IX. Insignificant Activities

| ID No.: | Description | Citation |
|-----------|---------------------------------------|-------------------------|
| 3145-FA | 20% Caustic Storage Tank – 10,000 gal | LAC 33:III.501.B.5.A.10 |
| 3145-FB | 20% Caustic Storage Tank – 10,000 gal | LAC 33:III.501.B.5.A.10 |
| 3235-F | Brine Storage Tank – 10,000 gal | LAC 33:III.501.B.5.A.10 |
| 3236-F | Caustic Storage Tank – 10,000 gal | LAC 33:III.501.B.5.A.10 |
| 3101-LAF1 | Diesel Tank – 560 gal | LAC 33:III.501.B.5.A.3 |
| 1-89 | Torit Dust Collector | LAC 33:III.501.B.5.D |
| AA9169 | Dryer Room Vent | LAC 33:III.501.B.5.D |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
 Agency Interest No.: 2367
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III. Chapter | | | | | | | | | | | | | | | | | | |
|----------|--|---------------------|-----|---|----|----|----|------|-------|------|------|------|------|------|----|-----|-----|-----|----|-----|
| | | 5 ^A | 509 | 9 | 11 | 13 | 15 | 2103 | 2104* | 2107 | 2113 | 2115 | 2149 | 2122 | 22 | 29* | 51* | 53* | 56 | 59* |
| UNF001 | MPF | 1 | | 1 | 1 | 1 | | | | | 1 | | 3 | | | 1 | 1 | | 1 | 1 |
| CON 0032 | 2-84: MPF Vent System Scrubber | 1 | | | | | | | | | | 3 | | | | | 1 | | | |
| EQT 0339 | 3203-F: MPF Solvent Tank | | | | | | 3 | | | | | | | | | | | | | |
| EQT 0340 | 3204-DA: MPF Product Storage Tank | | | | | | 3 | | | | | | | | | | | | | |
| EQT 0341 | 98-1: MPF Pastillator System | 1 | | | 1 | | | | | | | | | | | | | | | |
| EQT 0344 | 3221-F: MPF Chloroacetone/Bleach/H2SO4 Wastewater | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0345 | 3233-F: Aqueous Waste Storage Tank | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0346 | TK 3104-F: IPOH, IPOH/Ar-100, MMA Storage Tank | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0347 | TK 3127-FB: Concentrated Organics, Organic Waste Storage Tanks | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0348 | TK 3132-F: NPA/Toluene, Aqueous DCPZ decant | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0349 | TK 3201-F: Acetone; Isopropyl Alcohol | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0350 | TK 3202-F: Toluene, Aromatic 100 | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0351 | TK 3204-DB: Aqueous Process Material | | | | | | | | | | | | | | | | | | | |
| EQT 0352 | TK 3210-F: IPOH distillation | | | | | | 1 | | | | | | | | | | | | | |

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|----------|--|--------------------|-----|---|----|----|----|------|-------|------|------|------|------|------|----|-----|-----|-----|----|-----|--|
| | | 5 [▲] | 509 | 9 | 11 | 13 | 15 | 2103 | 2104* | 2107 | 2113 | 2115 | 2149 | 2122 | 22 | 29* | 51* | 53* | 56 | 59* | |
| EQT 0353 | TK 3213-F: Toluene; Water; Ar-100 | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0354 | TK 3223-F: Organic distillate waste with acetone | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0355 | TK 3224-F: 3MBM/Toluene;NMP, And water solution | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0356 | TK 3230-F: NPA/Acetone; Recovered NMP, Norflurazon | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0357 | TK 3239-F: ONP (Organic Reactant) | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0358 | TK 3240-F: DCAC (Organic Reactant); 93% H2SO4 | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0359 | TK 3241-F: Acetone; 36% HCl | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0360 | TK 3242-F: NPA/Acetone; NMP; 40% MMA | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0361 | TK 3250-D: 3-MBM/Toluene; Filter aid & water | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0362 | TK 3251-F: Distillate Toluene; MDN; IPOH | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0363 | TK 3252-F: Methanol; TFMA (Organic reactant) | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0364 | TK 4114-F: 50% 3-MBM solution in Toluene | | | | | | | 1 | | | | | | | | | | | | | |
| EQT 0365 | 3209-D: Aqueous Sodium ; 40% H2SO4; DCPZ | | | | | | | | | | | | | | | | | | | | |
| EQT 0366 | 3218-D: NPA/toluene dissolver | | | | | | | | | | | | | | | | | | | | |

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | |
|----------|--|--------------------|-----|---|----|----|----|------|-------|------|------|------|------|------|----|-----|-----|-----|----|-----|--|
| | | 5 ^A | 509 | 9 | 11 | 13 | 15 | 2103 | 2104* | 2107 | 2113 | 2115 | 2149 | 2122 | 22 | 29* | 51* | 53* | 56 | 59* | |
| EQT 0367 | 3253-F: Knockout Pot for hydrogeneration | | | | | | | | | | | | | | | | | | | | |
| EQT 0368 | 3265-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0369 | 3266-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0370 | 3285-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0371 | 3202-D: Stripper system - 3 MBM/toluene/IPOH; NMP | | | | | | | | | | | | | | | | | | | | |
| EQT 0372 | 3225-F: Stripper system - 3 MBM/toluene/IPOH; NMP | | | | | | | | | | | | | | | | | | | | |
| EQT 0373 | 3201-D: Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | | | | | | | | | | | | | | | | | | | | |
| EQT 0374 | 3231-F: Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | | | | | | | | | | | | | | | | | | | | |
| EQT 0375 | 3103-DB: Reactor - Toluene, Benoxacor, water | | | | | | | | | | | | | | | | | | | | |
| EQT 0376 | 3103 - DA: Reactor and Decanter | | | | | | | | | | | | | | | | | | | | |
| EQT 0377 | 3103-DC: Stripper - Toluene and Benoxacor | | | | | | | | | | | | | | | | | | | | |
| EQT 0378 | 3104-D: Receiver and mixer - Toluene; MDN/NMP solution | | | | | | | | | | | | | | | | | | | | |
| FUG 0007 | MPFFUG: MPF Equipment Fugitives | 1 | | | | | | | | | | | | 1 | | | | | | | |
| RLP 0125 | 7-87: MPF Vent Gas Combustor w/Scrubber | | | | 1 | 1 | 1 | | | | | 1 | | | | | | | 1 | | |

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* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|----------|--|-----------|---|----|----|----|-----|---|-----------|----|---|---|---|----|-----|-----------|----|----|----|----|--|--|--------|--|--|
| | | A | K | Ka | Kb | VV | RRR | A | V | FF | A | G | H | UU | MMM | FFFF | 52 | 64 | 68 | 82 | | | | | |
| UNF001 | MPF | 1 | | | | 1 | 3 | 1 | | 1 | 1 | | | | 3 | 1 | | 1 | 1 | 1 | | | | | |
| CON 0032 | 2-84: MPF Vent System Scrubber | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| EQT 0339 | 3203-F: MPF Solvent Tank | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0340 | 3204-DA: MPF Product Storage Tank | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0341 | 98-1: MPF Pastillator System | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0344 | 3221-F: MPF Chloroacetone/Bleach/H2SO4 Wastewater | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0345 | 3233-F: Aqueous Waste Storage Tank | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0346 | TK 3104-F: IPOH, IPOH/Ar-100, MMA Storage Tank | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0347 | TK 3127-FB: Concentrated Organics, Organic Waste Storage Tanks | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0348 | TK 3132-F: NPA/Toluene; Aqueous DCPZ decant | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0349 | TK 3201-F: Acetone; Isopropyl Alcohol | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0350 | TK 3202-F: Toluene, Aromatic 100 | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 0351 | TK 3204-DB: Aqueous Process Material | | | | | | | | | | | | | | | | | | | | | | | | |
| EQT 0352 | TK 3210-F: IPOH distillation | | | | 3 | | | | | | | | | | | | | 3 | | | | | | | |

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| ID No.: | Description | 40 CFR 60 | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | 40 CFR | | |
|----------|--|-----------|---|----|----|----|-----|-----------|---|----|---|---|---|-----------|-----|------|----|----|----|--------|--|--|
| | | A | K | Ka | Kb | VV | RRR | A | V | FF | A | G | H | UU | MMM | FFFF | 52 | 64 | 68 | 82 | | |
| EQT 0353 | TK 3213-F: Toluene; Water; Ar-100 | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0354 | TK 3223-F: Organic distillate waste with acetone | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0355 | TK 3224-F: 3MBM/Toluene;NMP, And water solution | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0356 | TK 3230-F: NPA/Acetone; Recovered NMP, Norflurazon | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0357 | TK 3239-F: ONP (Organic Reactant) | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0358 | TK 3240-F: DCAC (Organic Reactant); 93% H2SO4 | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0359 | TK 3241-F: Acetone; 36% HCl | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0360 | TK 3242-F: NPA/Acetone; NMP; 40% MMA | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0361 | TK 3250-D: 3-MBM/Toluene; Filter aid & water | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0362 | TK 3251-F: Distillate Toluene; MDN; IPOH | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0363 | TK 3252-F: Methanol; TFMA (Organic reactant) | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0364 | TK 4114-F: 50% 3-MBM solution in Toluene | | | | 3 | | | | | | | | | | | | | 3 | | | | |
| EQT 0365 | 3209-D: Aqueous Sodium ; 40% H2SO4; DCPZ | | | | | | | | | | | | | | | | | | | | | |

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| ID No.: | Description | 40 CFR 60 | | | | | 40 CFR 61 | | | | | 40 CFR 63 | | | | | 40 CFR | | | | |
|----------|--|-----------|---|----|----|----|-----------|---|---|----|---|-----------|---|----|-----|------|--------|----|----|----|--|
| | | A | K | Ka | Kb | VV | RRR | A | V | FF | A | G | H | UU | MMM | FFFF | 52 | 64 | 68 | 82 | |
| EQT 0366 | 3218-D: NPA/toluene dissolver | | | | | | | | | | | | | | | | | | | | |
| EQT 0367 | 3253-F: Knockout Pot for hydrogeneration | | | | | | | | | | | | | | | | | | | | |
| EQT 0368 | 3265-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0369 | 3266-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0370 | 3285-L: Mott Filters for catalyst filtration | | | | | | | | | | | | | | | | | | | | |
| EQT 0371 | 3202-D: Stripper system - 3 MBM/toluene/IPOH; NMP | | | | | | | | | | | | | | | | | | | | |
| EQT 0372 | 3225-F: Stripper system - 3 MBM/toluene/IPOH; NMP | | | | | | | | | | | | | | | | | | | | |
| EQT 0373 | 3201-D: Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | | | | | | | | | | | | | | | | | | | | |
| EQT 0374 | 3231-F: Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | | | | | | | | | | | | | | | | | | | | |
| EQT 0375 | 3103-DB: Reactor - Toluene, Benoxacor, water | | | | | | | | | | | | | | | | | | | | |
| EQT 0376 | 3103 - DA: Reactor and Decanter | | | | | | | | | | | | | | | | | | | | |
| EQT 0377 | 3103-DC: Stripper - Toluene and Benoxacor | | | | | | | | | | | | | | | | | | | | |
| EQT 0378 | 3104-D: Receiver and mixer - Toluene; MDN/NMP solution | | | | | | | | | | | | | | | | | | | | |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
 Agency Interest No.: 2367
 Syngenta Crop Protection Inc.
 St. Gabriel, Iberville Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | 40 CFR 60 | | | | | 40 CFR 61 | | | | | 40 CFR 63 | | | | | 40 CFR | | | | |
|----------|---|-----------|---|----|----|----|-----------|---|---|----|---|-----------|---|----|-----|------|--------|----|----|----|---|
| | | A | K | Ka | Kb | VV | RRR | A | V | FF | A | G | H | UU | MMM | FFFF | 52 | 64 | 68 | 82 | |
| FUG 0007 | MPPFUG: MPF Equipment Fugitives | 1 | | | | 1 | | | | | | | | | | 1 | | | | | |
| RLP 0125 | 7-87: MPF Vent Gas Combustor w/Scrubber | | | | | | | | | | | | | | | 1 | | | | | 3 |

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
 Agency Interest No.: 2367
 Syngenta Crop Protection Inc.
 St. Gabriel, Iberville Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

| ID No: | Requirement | Notes |
|--|--|--|
| UNF001 MPF | Limiting VOC Emissions from Batch Processing [LAC 33:III.2149.A2.c] VOC Emissions from SOCFMI Reactor Processes – Subpart RRR [40 CFR 60.78] | DOES NOT APPLY. The unit is equipped with an existing control device with a DRE of $\geq 90\%$ and has not been replaced since the rule was promulgated. DOES NOT APPLY. The unit was constructed prior to June 29, 1990, and has not been reconstructed or modified since that date. |
| CON0032/2-84 MPF Vent System Scrubber | NESHAP for Pesticide Active Ingredient Production – Subpart MMM [40 CFR 63.136(a)] Waste Gas Disposal [LAC 33:III.2115] | DOES NOT APPLY. The unit does not manufacture materials that meet the definition of PAI. |
| RLP0125/7-87 MPF Vent Gas Combustor (VGC) w/Scrubber | Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(b)(i)] | DOES NOT APPLY. The waste gas stream has a combined weight of VOCs <100 lbs in any continuous 24-hour period. This source is subject to a more stringent requirement, 40 CFR 63 Subpart FFFF, MACT for Miscellaneous Organic Chemical Manufacturing (MON). |
| EQT0341/98-1 MPF Pastillator System | Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. This source is subject to emission limitations and standards proposed by the Administrator after November 15, 1990 pursuant to section 112 of the Act, specifically 40 CFR 63, subpart FFFF for Miscellaneous Organic Chemical Manufacturing (MON). DOES DOESNOT APPLY. This source does not meet all CAM applicability criteria. |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
 Agency Interest No.: 2367
 Syngenta Crop Protection Inc.
 St. Gabriel, Iberville Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

| ID No: | Requirement | Notes |
|--------------------------------------|---|--|
| EQT0339/3203-F MPF Solvent Tank | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] Storage of Volatile Organic Compounds [LAC 33:III.2103] | DOES NOT APPLY. Storage tank capacity \geq 19,800 gallons, but \leq 39,900 gallons storing a liquid with a maximum true Vp < 2.2 psia. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. EXEMPT. Vapor pressure is less than 1.5 psia. |
| EQT0340/3204-Da MPF Solvent Tanks | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. Storage tank capacity \leq 19,800 gallons. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. |
| EQT0344/3221-F Storage Tank | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. Storage tank capacity \leq 19,800 gallons. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Multi-Product Facility
 Agency Interest No.: 2367
 Syngenta Crop Protection Inc.
 St. Gabriel, Iberville Parish, Louisiana

| XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source | | |
|--|---|---|
| ID No: | Requirement | Notes |
| EQT0345/3233-F Storage Tanks | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. Storage tank capacity \geq 19,800 gallons, but \leq 39,900 gallons storing a liquid with a maximum true Vp < 2.2 psia. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. |
| EQT0364/4114-F Storage Tank | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. Storage tank capacity \leq 19,800 gallons. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Multi-Product Facility
 Agency Interest No.: 2367
 Syngenta Crop Protection Inc.
 St. Gabriel, Iberville Parish, Louisiana**

| XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source | | |
|---|---|--|
| ID No: | Requirement | Notes |
| EQT0346/3104-F | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 - NSPS Subpart Kb [40 CFR 60.110b] Compliance Assurance Monitoring for VOC Emissions [40 CFR 64.2(a)] | DOES NOT APPLY. Storage tank capacity \geq 19,800 gallons, but \leq 39,900 gallons storing a liquid with a maximum true $V_p < 2.2$ psia. DOES NOT APPLY. This source does not meet all 3 CAM applicability criteria. |
| EQT0347/3127-FB | | |
| EQT0348/3132-F | | |
| EQT0349/3201-F | | |
| EQT0350/3202-F | | |
| EQT0352/3210-F | | |
| EQT0353/3213-F | | |
| EQT0354/3223-F | | |
| EQT0355/3224-F | | |
| EQT0356/3230-F | | |
| EQT0357/3239-F | | |
| EQT0358/3240-F | | |
| EQT0359/3241-F | | |
| EQT0360/3242-F | | |
| EQT0361/3250-D | | |
| EQT0362/3251-F | | |
| EQT0363/3252-F | | |
| MPF Misc Storage Tanks (CRG006) | | |

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 2367 Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

| Also Known As: | ID | Name | User Group | Start Date |
|----------------|-----------------|---|------------------------------|------------|
| | 1280-00007 | Syngenta Crop Protection Inc - St Gabriel Plant | CDS Number | 04-04-1972 |
| | LAD053783445 | Syngenta Crop Protection Inc | Hazardous Waste Notification | 08-18-1980 |
| | PMT/CA | GPRA Baselines | Hazardous Waste Permitting | 10-01-1997 |
| | LAD053783445 | Ciba Geigy | Inactive & Abandoned Sites | 11-23-1999 |
| | LA0005487 | WPC File Number | LPDES Permit # | 05-22-2003 |
| | LA0095478 | WPC File Number | LPDES Permit # | 05-22-2003 |
| | WP0956 | WPC State Permit Number | LWDPS Permit # | 06-25-2003 |
| | WP4554 | WPC State Permit Number | LWDPS Permit # | 06-25-2003 |
| | 04042 | LELAP # | Laboratory Services Division | 10-17-2001 |
| | LA-2219-L01 | Priority 1 Emergency Site | Priority 1 Emergency Site | 07-18-2006 |
| | G-047-2031 | Radioactive Material License | Radiation License Number | 12-08-2000 |
| | GPD-047-0107 | Site ID # | Solid Waste Facility No. | 11-21-1999 |
| | GPD-047-0224 | Site ID # | Solid Waste Facility No. | 08-13-2001 |
| | 16945 | Ciba-Geigy Corp | Solid Waste Facility No. | 01-08-2002 |
| | 24824 | Ciba-Geigy Corp | TEMPO Merge | 01-08-2001 |
| | 31435 | Syngenta Crop Protection Inc | TEMPO Merge | 03-22-2001 |
| | 38791 | Novartis | TEMPO Merge | 03-12-2001 |
| | 4418 | Novartis Crop Protection Inc | TEMPO Merge | 02-04-2001 |
| | 45830 | Zeneca Ag Production Inc | TEMPO Merge | 03-19-2001 |
| | 48920 | Zeneca Inc | TEMPO Merge | 03-19-2001 |
| | 75341 | Ciba-Geigy Corp | TEMPO Merge | 03-12-2001 |
| | 96982 | Ciba-Geigy Corp | TEMPO Merge | 03-12-2001 |
| | 70776C8GGYRIVER | TRI # | TEMPO Merge | 02-27-2002 |
| | 70776CMRCSHWY75 | TRI # | Toxic Release Inventory | 07-08-2004 |
| | 23002025 | UST Facility ID (from UST legacy data) | Toxic Release Inventory | 07-09-2004 |
| | 729 | Water Permit # | UST FID # | 10-11-2002 |
| | | | Water Permitting | 11-21-1999 |

Physical Location: 3905 Hwy 75
 St. Gabriel, LA 70776
Main FAX: 2256421653
Main Phone: 2256421100

Mailing Address: PO Box 11
 St. Gabriel, LA 707760011

Location of Front Gate: 30° 14' 48" 22 hundredths latitude, 91° 6' 12" 63 hundredths longitude, Coordinate Method: Lat./Long. - DMS, Coordinate Datum: NAD83

General Information

AI ID: 2367 Syngenta Crop Protection Inc - St Gabriel Plant
 Activity Number: PER20080007
 Permit Number: 2842-V2
 Air - Title V Regular Permit Renewal

| Related People: | Name | Mailing Address | Phone (Type) | Relationship |
|-----------------|------------------|-------------------------------------|-----------------|---------------------------------------|
| | Richard Boudreau | PO Box 11 St. Gabriel, LA 707760011 | 2256421257 (WP) | Hazardous Waste Permit Contact For |
| | Richard Boudreau | PO Box 11 St. Gabriel, LA 707760011 | 2256421257 (WP) | Haz. Waste Billing Party for |
| | Ralph Caddell | PO Box 11 St. Gabriel, LA 707760011 | | Responsible Official for |
| | Victor Cross | PO Box 11 St. Gabriel, LA 707760011 | 2256421483 (WP) | Water Permit Contact For |
| | Victor Cross | PO Box 11 St. Gabriel, LA 707760011 | 2256421483 (WP) | Underground Storage Tank Contact for |
| | Victor Cross | PO Box 11 St. Gabriel, LA 707760011 | 2256421483 (WP) | Water Billing Party for |
| | Mark Graham | PO Box 11 St. Gabriel, LA 707760011 | 2256421686 (WP) | Radiation Safety Officer for |
| | Mark Graham | PO Box 11 St. Gabriel, LA 707760011 | 2253179150 (CP) | Radiation Safety Officer for |
| | Mark Graham | PO Box 11 St. Gabriel, LA 707760011 | 2256421794 (WF) | Radiation Safety Officer for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | 2256421686 (WP) | Accident Prevention Contact for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | BRUCE.RAFF@SYN | Accident Prevention Contact for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | 2256421686 (WP) | Accident Prevention Billing Party for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | BRUCE.RAFF@SYN | Accident Prevention Billing Party for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | 2256421686 (WP) | Air Permit Contact For |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | BRUCE.RAFF@SYN | Emission Inventory Contact for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | 2256421686 (WP) | Emission Inventory Contact for |
| | Bruce Raff | PO Box 11 St. Gabriel, LA 707760011 | BRUCE.RAFF@SYN | Air Permit Contact For |

| Related Organizations: | Name | Address | Phone (Type) | Relationship |
|------------------------|------------------------------|------------------------------------|-----------------|-------------------------------------|
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Operates |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Owns |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Air Billing Party for |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Emission Inventory Billing Party |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Radiation License Billing Party for |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | UST Billing Party for |
| | Syngenta Crop Protection Inc | PO Box 11 St Gabriel, LA 707760011 | 2256421100 (WP) | Solid Waste Billing Party for |

NAIC Codes: 325320, Pesticide and Other Agricultural Chemical Manufacturing

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|-------------------------------|---|---------------|---------------------|-----------------------|----------|----------------|
| Multi-Product Facility | | | | | | |
| CON 0032 | 2-84 - MPF Scrubber | | 1800 SCFM | 1800 SCFM | | 8760 hr/yr |
| EQT 0339 | 3203-F - MPF Solvent Tank | 25900 gallons | | 3 MM gallons/yr | | 8760 hr/yr |
| EQT 0340 | 3204-DA - MPF Product Storage Tank | 15000 gallons | 4.36 MM gallons/yr | | | 8760 hr/yr |
| EQT 0341 | 98-1 - MPF Pastillator System | | 5.5 tons/day | 5.5 tons/day | | 2920 hr/yr |
| EQT 0344 | 3221-F - MPF Chloroacetone/Bleach/H2SO4 Wastewater | 19200 gallons | | | | 8760 hr/yr |
| EQT 0345 | 3233-F - Aqueous Waste Storage Tank | 21100 gallons | | | | 8760 hr/yr |
| EQT 0346 | TK 3104-F - IPOH, IPOH/AR-100, MMA Storage Tank | 10600 gallons | | | | 8760 hr/yr |
| EQT 0347 | TK 3127-FB - Concentrated Organics, Organic Waste Storage Tanks | 6000 gallons | | | | 8760 hr/yr |
| EQT 0348 | TK 3132-F - NPA/Toluene; Aqueous DCPZ decant | 5000 gallons | | | | 8760 hr/yr |
| EQT 0349 | TK 3201-F - Acetone; Isopropyl Alcohol | 8600 gallons | | | | 8760 hr/yr |
| EQT 0350 | TK 3202-F - Toluene, Aromatic 100 | 15000 gallons | | | | 8760 hr/yr |
| EQT 0351 | TK 3204-DB - Aqueous Process Material | 15000 gallons | | | | 8760 hr/yr |
| EQT 0352 | TK 3210-F - IPOH distillation | 5000 gallons | | | | 8760 hr/yr |
| EQT 0353 | TK 3213-F - Toluene; Water, Ar-100 | 1500 gallons | | | | 8760 hr/yr |
| EQT 0354 | TK 3223-F - Organic distillate waste with acetone | 2000 gallons | | | | 8760 hr/yr |
| EQT 0355 | TK 3224-F - 3-MBM/Toluene;NMP;MMA | 4000 gallons | | | | 8760 hr/yr |
| EQT 0356 | TK 3230-F - NPA/Acetone; Recovered NMP, Norflurazon | 3000 gallons | | | | 8760 hr/yr |
| EQT 0357 | TK 3239-F - ONP (Organic Reactant) | 10000 gallons | | | | 8760 hr/yr |
| EQT 0358 | TK 3240-F - DCAC (Organic Reactant); 93% H2SO4 | 10000 gallons | | | | 8760 hr/yr |
| EQT 0359 | TK 3241-F - Acetone; 36% HCl | 10360 gallons | | | | 8760 hr/yr |
| EQT 0360 | TK 3242-F - NPA/Acetone; NMP; 40% MMA | 10000 gallons | | | | 8760 hr/yr |
| EQT 0361 | TK 3250-D - 3-MBM/Toluene; Filter aid & water | 3000 gallons | | | | 8760 hr/yr |
| EQT 0362 | TK 3251-F - Distillate Toluene; MDN; IPOH | 5000 gallons | | | | 8760 hr/yr |
| EQT 0363 | TK 3252-F - Methanol; TFMA (Organic reactant) | 5000 gallons | | | | 8760 hr/yr |
| EQT 0364 | TK 4114-F - 50% 3-MBM solution in Toluene | 5000 gallons | | | | 8760 hr/yr |
| EQT 0365 | 3209-D - Aqueous Sodium; 40% H2SO4; DCPZ | 6000 gallons | | | | 8760 hr/yr |
| EQT 0366 | 3218-D - NPA/Toluene dissolver | 500 gallons | | | | 8760 hr/yr |
| EQT 0367 | 3253-F - Knockout Pot for hydrogenation | 100 gallons | | | | 8760 hr/yr |
| EQT 0368 | 3265-L - Mott Filters for catalyst filtration | | | 60 gallons/min | | 8760 hr/yr |
| EQT 0369 | 3266-L - Mott Filters for catalyst filtration | | | 60 gallons/min | | 8760 hr/yr |
| EQT 0370 | 3285-L - Mott Filters for catalyst filtration | | | 60 gallons/min | | 8760 hr/yr |
| EQT 0371 | 3202-D - Stripper system - 3 MBM/Toluene/IPOH; NMP | 3000 gallons | | | | 8760 hr/yr |
| EQT 0372 | 3225-F - Stripper system - 3 MBM/Toluene/IPOH; NMP | 250 gallons | | | | 8760 hr/yr |
| EQT 0373 | 3201-D - Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | 2000 gallons | | | | 8760 hr/yr |
| EQT 0374 | 3231-F - Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | 250 gallons | | | | 8760 hr/yr |
| EQT 0375 | 3103-DB - Reactor - Toluene, Benzoxacer, water | 3000 gallons | | | | 8760 hr/yr |

INVENTORIES

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|-------------------------------|---|--------------|---------------------|-----------------------|----------|----------------|
| Multi-Product Facility | | | | | | |
| EQT 0376 | 3103-DA - Reactor and Decanter | 3000 gallons | | | | 8760 hr/yr |
| EQT 0377 | 3103-DC - Stripper - Toluene and Benoxacor | 3000 gallons | | | | 8760 hr/yr |
| EQT 0378 | 3104-D - Receiver and mixer - Toluene; MDN/NMP solution | 1000 gallons | | | | 8760 hr/yr |
| EQT 0379 | 3217-D - Reactor and centrifuge feed tank | 3000 gallons | | | | 8760 hr/yr |
| EQT 0380 | 3216-D - Reactor-NPA/IPOH solution | 3000 gallons | | | | 8760 hr/yr |
| EQT 0381 | 3212-D - Reactor - ONP, NPA, acetone, chloroacetone reactor, Demp-nitrile hold tank | 3000 gallons | | | | 8760 hr/yr |
| EQT 0382 | 3244-F - Reactor - ONP, NPA, acetone, chloroacetone reactor, Demp-nitrile hold tank | 500 gallons | | | | 8760 hr/yr |
| EQT 0383 | 3207-D - Reactor/Stripper-IPOH stripper; Demp-Nitrile reaction mass; Norfuzaron/AR-100/water/IPOH and MMA | 6000 gallons | | | | 8760 hr/yr |
| EQT 0384 | 3217-F - Reactor/Stripper-IPOH stripper; Demp-Nitrile reaction mass; Norfuzaron/AR-100/water/IPOH and MMA | 250 gallons | | | | 8760 hr/yr |
| EQT 0385 | 3208-D - Reactor/Stripper/Crystallizer-NPA/IPOH crystallizer | 6000 gallons | | | | 8760 hr/yr |
| EQT 0386 | 3218-F - Reactor/Stripper/Crystallizer-NPA/IPOH crystallizer | 250 gallons | | | | 8760 hr/yr |
| EQT 0387 | 3215-D - Reactor/Stripper-NPA/IPOH solution | 3000 gallons | | | | 8760 hr/yr |
| EQT 0388 | 3232-FA - Reactor/Stripper-NPA/IPOH solution | 250 gallons | | | | 8760 hr/yr |
| EQT 0389 | 3232-FB - Reactor/Stripper-NPA/IPOH solution | 250 gallons | | | | 8760 hr/yr |
| EQT 0390 | 3211-D - Reactor/Crystallizer-NPA/IPOH crystallizer | 3000 gallons | | | | 8760 hr/yr |
| EQT 0391 | 3243-F - Reactor/Crystallizer-NPA/IPOH crystallizer | 500 gallons | | | | 8760 hr/yr |
| EQT 0392 | 3235-L - Vevey Filter Nutsche-NPA/Acetone/carbonatoe salts | 3000 gallons | | | | 8760 hr/yr |
| EQT 0394 | 3210-D - Reactor/Stripper | 2000 gallons | | | | 8760 hr/yr |
| EQT 0395 | 3226-F - Reactor/Stripper | 250 gallons | | | | 8760 hr/yr |
| EQT 0396 | 3227-F - Centrate receiver and knockout pot | 250 gallons | | | | 8760 hr/yr |
| EQT 0397 | 3219-D - Hydrogenation Reactor-Hydrogen, toluene, 3-MBM, NPA, IPOH, water | 2000 gallons | | | | 8760 hr/yr |
| EQT 0398 | 3220-D - Hydrogenation Reactor-Hydrogen, toluene, 3-MBM, NPA, IPOH, water | 2000 gallons | | | | 8760 hr/yr |
| EQT 0399 | 3221-D - Catalyst slurry pot-Catalyst, toluene | 500 gallons | | | | 8760 hr/yr |
| EQT 0400 | 3222-D - Catalyst slurry pot-Catalyst, toluene | 500 gallons | | | | 8760 hr/yr |
| EQT 0401 | 3214-D - Reactor-Sodium Bicarbonate, water and acetone, Inorganic catalyst and water | 500 gallons | | | | 8760 hr/yr |
| EQT 0402 | 3254-L - Centrifuge-NPA and IPOH | | 600 gallons/hr | 500 gallons/hr | | 8760 hr/yr |
| EQT 0403 | 3246-F - Flash drum and receiver - NPA, Acetone | 400 gallons | | | | 8760 hr/yr |
| EQT 0404 | 3247-F - Flash drum and receiver - NPA, Acetone | 250 gallons | | | | 8760 hr/yr |
| EQT 0405 | 3265-C - Falling film evaporator and receiver-NPA, Acetone, and IPOH | | | | | 8760 hr/yr |
| EQT 0406 | 3245-F - Falling film evaporator and receiver-NPA, Acetone, and IPOH | 250 gallons | | | | 8760 hr/yr |
| EQT 0408 | 3297-LE - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | | 60 gallons/hr | 60 gallons/hr | | 8760 hr/yr |

INVENTORIES

AJ ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|-------------------------------|---|--------------|---------------------|-----------------------|----------|----------------|
| Multi-Product Facility | | | | | | |
| EQT 0409 | 3297-LF1 - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | 150 gallons | | | | 8760 hr/yr |
| EQT 0410 | 32230-F - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | 300 gallons | | | | 8760 hr/yr |
| EQT 0411 | 3234-F - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | 450 gallons | | | | 8760 hr/yr |
| EQT 0412 | 3296-L - Cogeim Filter Nutsche-Demp-nitrile, 40% H2SO4 solution, water | 2000 gallons | | | | 8760 hr/yr |
| EQT 0413 | 3294-L - Rosenmund Filter Nutsche-Demp-nitrile reaction mass aqueous, water, filter aid, catalyst | 1000 gallons | | | | 8760 hr/yr |
| EQT 0414 | 3299-D - Pastilizer and pre-mix storage reactor-Benzoacor and S-Metolachlor | 2600 gallons | | | | 8760 hr/yr |
| FUG 0007 | MPPFLUG - MPF Equipment Fugitives | | 6 MM BTU/hr | | | 8760 hr/yr |
| RLP 0125 | 7-87 - MPF Vent Gas Combustor w/Scrubber | | 6 MM BTU/hr | | | 8760 hr/yr |

Stack Information:

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|-------------------------------|--|-------------------|---------------------------------|-----------------|------------------------------|---------------|------------------|
| Multi-Product Facility | | | | | | | |
| CON 0032 | 2-84 - MPF Scrubber | 38 | 1800 | 1 | | 75 | 80 |
| EQT 0339 | 3203-F - MPF Solvent Tank | | 21 | .2 | | 22 | 77 |
| EQT 0341 | 98-1 - MPF Pastilator System | | | | 1 | | |
| RLP 0125 | 7-87 - MPF Vent Gas Combustor w/Scrubber | 27.3 | 2890 | 1.5 | | 200 | 150 |

Relationships:

| ID | Description | Relationship | ID | Description |
|----------|--|---|----------|--|
| CRG 0006 | MPF Misc Tanks - MPF Miscellaneous Storage Tanks | Vents to, (Also vents to VGC, 7-87) | CON 0032 | 2-84 - MPF Scrubber |
| EQT 0344 | 3221-F - MPF Chloroacetone/Bleach/H2SO4 Wastewater | Vents to, (and to VGC,2-87) | CON 0032 | 2-84 - MPF Scrubber |
| EQT 0345 | 3233-F - Aqueous Waste Storage Tank | Vents to | RLP 0125 | 7-87 - MPF Vent Gas Combustor w/Scrubber |
| GRP 0099 | - Benoxacor, Demp-amide, Norflurazon | Vents to, (Also vents to MPF Vent System Scrubber, EP 2-84) | RLP 0125 | 7-87 - MPF Vent Gas Combustor w/Scrubber |
| GRP 0100 | - Benoxacor, Demp-amide, Norflurazon | Vents to | RLP 0125 | 7-87 - MPF Vent Gas Combustor w/Scrubber |
| GRP 0101 | - Benoxacor, Demp-amide, Norflurazon | Vents to | CON 0032 | 2-84 - MPF Scrubber |

Subject Item Groups:

| ID | Group Type | Group Description |
|----------|---------------------------|--|
| CRG 0006 | Common Requirements Group | MPF Misc Tanks - MPF Miscellaneous Storage Tanks |
| GRP 0099 | Equipment Group | - Benoxacor, Demp-amide, Norflurazon |

INVENTORIES

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
 Activity Number: PER20080007
 Permit Number: 2842-V2
 Air - Title V Regular Permit Renewal

Subject Item Groups:

| ID | Group Type | Group Description |
|----------|-----------------------|--------------------------------------|
| GRP 0100 | Equipment Group | - Benoxacor, Demp-amide, Norflurazon |
| GRP 0101 | Equipment Group | - Benoxacor, Demp-amide, Norflurazon |
| UNF 0004 | Unit or Facility Wide | - Multi-Product Facility |

Group Membership:

| ID | Description | Member of Groups |
|----------|---|--------------------------------|
| EQT 0344 | 3221-F - MPF Chloroacetone/Bleach/H2SO4 Wastewater | GRP00000000099 |
| EQT 0345 | 3233-F - Aqueous Waste Storage Tank | GRP00000000100 |
| EQT 0346 | TK 3104-F - IPOH, IPOH/Ar-100, MMA Storage Tank | CRG00000000006, GRP00000000099 |
| EQT 0347 | TK 3127-FB - Concentrated Organics, Organic Waste Storage Tanks | CRG00000000006, GRP00000000100 |
| EQT 0348 | TK 3132-F - NPA/Toluene, Aqueous DCPZ decant | CRG00000000006, GRP00000000099 |
| EQT 0349 | TK 3201-F - Acetone; Isopropyl Alcohol | CRG00000000006, GRP00000000100 |
| EQT 0350 | TK 3202-F - Toluene, Aromatic 100 | CRG00000000006, GRP00000000100 |
| EQT 0351 | TK 3204-OB - Aqueous Process Material | GRP00000000100 |
| EQT 0352 | TK 3210-F - IPOH distillation | CRG00000000006, GRP00000000100 |
| EQT 0353 | TK 3213-F - Toluene; Water, Ar-100 | CRG00000000006, GRP00000000099 |
| EQT 0354 | TK 3223-F - Organic distillate waste with acetone | CRG00000000006, GRP00000000100 |
| EQT 0355 | TK 3224-F - 3-MBM/Toluene;NMP;MMA | CRG00000000006, GRP00000000100 |
| EQT 0356 | TK 3230-F - NPA/Acetone; Recovered NMP, Norflurazon | CRG00000000006, GRP00000000100 |
| EQT 0357 | TK 3239-F - ONP (Organic Reactant) | CRG00000000006, GRP00000000100 |
| EQT 0358 | TK 3240-F - DCAC (Organic Reactant); 93% H2SO4 | CRG00000000006, GRP00000000101 |
| EQT 0359 | Tk 3241-F - Acetone; 36% HCl | CRG00000000006, GRP00000000099 |
| EQT 0360 | TK 3242-F - NPA/Acetone; NMP; 40% MMA | CRG00000000006, GRP00000000100 |
| EQT 0361 | TK 3250-D - 3-MBM/Toluene; Filter aid & water | CRG00000000006, GRP00000000100 |
| EQT 0362 | TK 3251-F - Distillate Toluene; MDN; IPOH | CRG00000000006, GRP00000000100 |
| EQT 0363 | TK 3252-F - Methanol; TFMA (Organic reactant) | CRG00000000006, GRP00000000100 |
| EQT 0364 | TK 4114-F - 50% 3-MBM solution in Toluene | CRG00000000006, GRP00000000100 |
| EQT 0365 | 3209-D - Aqueous Sodium; 40% H2SO4; DCPZ | GRP00000000099 |
| EQT 0366 | 3218-D - NPAToluene dissolver | GRP00000000099 |
| EQT 0367 | 3253-F - Knockout Pot for hydrogenation | GRP00000000100 |
| EQT 0368 | 3265-L - Mott Filters for catalyst filtration | GRP00000000100 |
| EQT 0369 | 3266-L - Mott Filters for catalyst filtration | GRP00000000100 |
| EQT 0370 | 3285-L - Mott Filters for catalyst filtration | GRP00000000100 |
| EQT 0371 | 3202-D - Stripper system - 3 MBM/Toluene/IPOH; NMP | GRP00000000099 |
| EQT 0372 | 3225-F - Stripper system - 3 MBM/Toluene/IPOH; NMP | GRP00000000099 |
| EQT 0373 | 3201-D - Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | GRP00000000100 |
| EQT 0374 | 3231-F - Stripper system - Methanol/water, Na salt, Crude AR-100 filtrate | GRP00000000100 |
| EQT 0375 | 3103-DB - Reactor - Toluene, Benoxacor, water | GRP00000000099 |
| EQT 0376 | 3103-DA - Reactor and Decanter | GRP00000000099 |
| EQT 0377 | 3103-DC - Stripper - Toluene and Benoxacor | GRP00000000099 |

INVENTORIES

AJ ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

Group Membership:

| ID | Description | Member of Groups |
|----------|--|------------------|
| EQT 0378 | 3104-D - Receiver and mixer - Toluene, MDN/NMP solution | GRP0000000099 |
| EQT 0379 | 3217-D - Reactor and centrifuge feed tank | GRP0000000099 |
| EQT 0380 | 3216-D - Reactor-NPA/IPOH solution | GRP0000000099 |
| EQT 0381 | 3212-D - Reactor - ONP, NPA, acetone, chloroacetone reactor, DEMP-nitrile hold tank | GRP0000000099 |
| EQT 0382 | 3244-F - Reactor - ONP, NPA, acetone, chloroacetone reactor, DEMP-nitrile hold tank | GRP0000000099 |
| EQT 0383 | 3207-D - Reactor/Stripper-IPOH stripper; DEMP-Nitrile reaction mass; Norflurazon/AR-100/water/IPOH and MMA | GRP0000000099 |
| EQT 0384 | 3217-F - Reactor/Stripper-IPOH stripper; DEMP-Nitrile reaction mass; Norflurazon/AR-100/water/IPOH and MMA | GRP0000000099 |
| EQT 0385 | 3208-D - Reactor/Stripper/Crystallizer-NPA/IPOH crystallizer | GRP0000000099 |
| EQT 0386 | 3218-F - Reactor/Stripper/Crystallizer-NPA/IPOH crystallizer | GRP0000000099 |
| EQT 0387 | 3215-D - Reactor/Stripper-NPA/IPOH solution | GRP0000000099 |
| EQT 0388 | 3232-FA - Reactor/Stripper-NPA/IPOH solution | GRP0000000099 |
| EQT 0389 | 3232-FB - Reactor/Stripper-NPA/IPOH solution | GRP0000000099 |
| EQT 0390 | 3211-D - Reactor/Crystallizer-NPA/IPOH crystallizer | GRP0000000099 |
| EQT 0391 | 3243-F - Reactor/Crystallizer-NPA/IPOH crystallizer | GRP0000000099 |
| EQT 0392 | 3235-L - Vevey Filter Nutsche-NPA/Acetone/carbononate salts | GRP0000000099 |
| EQT 0394 | 3210-D - Reactor/Stripper | GRP0000000099 |
| EQT 0395 | 3228-F - Reactor/Stripper | GRP0000000099 |
| EQT 0396 | 3227-F - Centrate receiver and knockout pot | GRP0000000100 |
| EQT 0397 | 3219-D - Hydrogenation Reactor-Hydrogen, toluene, 3-MBM, NPA, IPOH, water | GRP0000000100 |
| EQT 0398 | 3220-D - Hydrogenation Reactor-Hydrogen, toluene, 3-MBM, NPA, IPOH, water | GRP0000000100 |
| EQT 0399 | 3221-D - Catalyst slurry pot-Catalyst, toluene | GRP0000000100 |
| EQT 0400 | 3222-D - Catalyst slurry pot-Catalyst, toluene | GRP0000000100 |
| EQT 0401 | 3214-D - Reactor-Sodium Bicarbonate, water and acetone, inorganic catalyst and water | GRP0000000100 |
| EQT 0402 | 3254-L - Centrifuge-NPA and IPOH | GRP0000000099 |
| EQT 0403 | 3246-F - Flash drum and receiver - NPA, Acetone | GRP0000000100 |
| EQT 0404 | 3247-F - Flash drum and receiver - NPA, Acetone | GRP0000000100 |
| EQT 0405 | 3265-C - Falling film evaporator and receiver-NPA, Acetone, and IPOH | GRP0000000100 |
| EQT 0406 | 3245-F - Falling film evaporator and receiver-NPA, Acetone, and IPOH | GRP0000000100 |
| EQT 0408 | 3297-LE - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | GRP0000000100 |
| EQT 0409 | 3297-LF1 - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | GRP0000000100 |
| EQT 0410 | 32230-F - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | GRP0000000100 |
| EQT 0411 | 3234-F - Wiped film evaporator and ancillary-Demp-Nitrile, NMP | GRP0000000100 |
| EQT 0412 | 3296-L - Cogeim Filter Nutsche-Demp-nitrile, 40% H2SO4 solution, water | GRP0000000101 |
| EQT 0413 | 3294-L - Rosenmund Filter Nutsche-Demp-nitrile reaction mass aqueous, water, filter aid, catalyst | GRP0000000101 |
| EQT 0414 | 3299-D - Pastillizer and pre-mix storage reactor-Benzoic acid and S-Metolachlor | GRP0000000100 |

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

INVENTORIES

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

| Fee Number | Air Contaminant Source | Multiplier | Units Of Measure |
|------------|-----------------------------|------------|------------------|
| 0670 | 0670 Pesticides Manufacture | 1 | Trains |

SIC Codes:

| | | |
|------|--|---------|
| 2819 | Industrial inorganic chemicals, nec | AI 2367 |
| 2869 | Industrial organic chemicals, nec | AI 2367 |
| 2869 | Industrial organic chemicals, nec | UNF 004 |
| 2879 | Pesticides and agricultural chemicals, nec | AI 2367 |

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

| Subject Item | CO | | | NOx | | | PM10 | | | SO2 | | | VOC | | |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year |
| Multi-Product Facility | | | | | | | | | | | | | | | |
| CON 0032 2-84 | | | | <0.001 | <0.001 | <0.001 | | | | 0.28 | 2.22 | 1.22 | 0.001 | 0.12 | 0.01 |
| EQT 0339 3203-F | | | | | | | | | | | | | 0.15 | | 0.64 |
| EQT 0340 3204-DA | | | | | | | | | | | | | 0.02 | | 0.09 |
| EQT 0341 98-1 | | | | | | | | | | | | | 0.04 | 0.04 | 0.06 |
| FUG 0007 MPPFUG | | | | | | | | | | | | | 24.30 | | 106.45 |
| RUP 0125 7-87 | 1.00 | 2.00 | 4.38 | 3.09 | 5.37 | 13.54 | 0.04 | 0.07 | 0.16 | 0.003 | 0.01 | 0.02 | 0.20 | 1.09 | 0.89 |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

| Emission Pt. | Pollutant | Avg lb/hr | Max lb/hr | Tons/Year |
|--------------------|-------------------------------|-----------|-----------|-----------|
| CON 0032 2-84 | Ammonia | <0.001 | <0.001 | <0.001 |
| | Hydrochloric acid | 0.0001 | 0.002 | 0.0004 |
| | Sulfuric acid | 0.004 | 0.10 | 0.02 |
| | Trichloroethylene | <0.001 | 0.001 | 0.0001 |
| EQT 0341 98-1 | Toluene | 0.04 | 0.04 | 0.06 |
| FUG 0007 MPPFUG | Cumene | 0.04 | | 0.16 |
| | Ethyl benzene | 0.04 | | 0.004 |
| | Methanol | 2.76 | | 12.07 |
| | Naphthalene | 0.002 | | 0.01 |
| | Toluene | 7.65 | | 33.52 |
| | Xylene (mixed isomers) | 0.07 | | 0.31 |
| RLP 0125 7-87 | Ammonia | <0.0001 | <0.0001 | <0.0001 |
| | Benzene | <0.0001 | <0.0001 | <0.001 |
| | Chlorinated Dibenzo-P-Dioxins | <0.0001 | <0.0001 | <0.0001 |
| | Cumene | <0.001 | <0.001 | 0.0001 |
| | Hydrochloric acid | 0.0002 | 0.001 | 0.001 |
| | Methanol | 0.005 | 0.01 | 0.02 |
| | Sulfuric acid | <0.0001 | <0.0001 | <0.0001 |
| | Toluene | 0.03 | 0.14 | 0.13 |
| | Trichloroethylene | <0.001 | <0.001 | <0.001 |
| | Xylene (mixed isomers) | <0.001 | <0.001 | <0.001 |
| UNF 0004 | Ammonia | | | <0.001 |
| | Benzene | | | <0.001 |
| | Chlorinated Dibenzo-P-Dioxins | | | <0.0001 |
| | Cumene | | | 0.16 |
| | Ethyl benzene | | | 0.004 |
| | Hydrochloric acid | | | 0.001 |
| | Methanol | | | 12.09 |
| | Naphthalene | | | 0.01 |
| | Sulfuric acid | | | 0.02 |
| | Toluene | | | 33.71 |
| | Trichloroethylene | | | 0.0001 |
| | Xylene (mixed isomers) | | | 0.31 |

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

CON 0032 2-84 - MPF Scrubber

- 1 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
 - 2 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]
 - 3 [40 CFR 64.6(c)(1)] Equipment/operational data monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified
 - 4 [40 CFR 64.6(c)(2)] A flow rate excursion or exceedance is defined as any operating condition where the scrubber recirculation flow rate is less than 50 gallons per minute. The selected Quality Improvement Plan (QIP) Threshold is six (6) excursions (with only one excursion counted per day) within 6-month reporting period, which equates to an approximate excursion rate of 3 percent of the flow rate.
 - 5 [40 CFR 64.6(c)(4)] A caustic concentration excursion or exceedance is defined as any operating condition where the caustic concentration in the scrubbing medium is less than 2 percent. The selected Quality Improvement Plan (QIP) Threshold is six (6) excursions (with only one excursion counted per day) within 6-month reporting period, which equates to an approximate excursion rate of 3 percent of the collected concentration determinations. [40 CFR 64.6(c)(2)]
 - 6 [40 CFR 64.6(d)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. [40 CFR 64.6(c)(4)]
 - 7 [40 CFR 64.7(a)] Schedule for installation, testing or final verification of operational status: [40 CFR 64.6(d)]
 - 8 [40 CFR 64.7(b)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
 - 9 [40 CFR 64.7(c)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
 - 10 [40 CFR 64.7(d)(1)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

CON 0032 2-84 - MPF Scrubber

- 11 [40 CFR 64.7(c)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 12 [40 CFR 64.8(b)] Maintain a written Quality Improvement Plan (QIP) if required and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for developing one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]
- 13 [40 CFR 64.8(c)] Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]
- 14 [40 CFR 64.8(c)] Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]
- 15 [40 CFR 64.8(d)] Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]
- 16 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 17 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 18 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 19 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 20 [LAC 33:III.501.C.6] Hydrogen fluoride < 0.001 lb/hr.
Which Months: Phases: Statistical Basis: Hourly average
- 21 [LAC 33:III.501.C.6] Hydrogen fluoride < 0.001 lb/hr.
Which Months: Phases: Statistical Basis: Hourly maximum
- 22 [LAC 33:III.501.C.6] Caustic concentration at 2%. The % Caustic concentration may be monitored by an on-line analyzer or by wet chemistry (titration) in the on-site laboratory. Records of % caustic concentration will be maintained.
- 23 [LAC 33:III.501.C.6] Flow rate >= 50 gallons/min.
Which Months: All Year Statistical Basis: None specified
- 24 [LAC 33:III.501.C.6] Hydrogen fluoride < 0.001 tons/yr.
Which Months: Phases: Statistical Basis: Annual maximum
- 25 [LAC 33:III.507.H.1.a] Flow rate recordkeeping by electronic or hard copy daily.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

CON 0032 2-84 - MPF Scrubber

- 26 [LAC 33:III.507.H.1.a] Flow rate monitored by flow rate monitoring device daily.
Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 28 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be controlling Hydrochloric Acid with an efficiency of 99.99%.

CRG 0006 MPF Misc Tanks - MPF Miscellaneous Storage Tanks

- Group Members: EQT 0346EQT 0347EQT 0348EQT 0349EQT 0350EQT 0352EQT 0353EQT 0354EQT 0355EQT 0356EQT 0357EQT 0358EQT 0359EQT 0360EQT 0361EQT 0362EQT 0363EQT 0364
- 29 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
- 30 [LAC 33:III.2103.E.1] VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified
- 31 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0341 98-1 - MPF Pastillator System

- 32 [LAC 33:III.1311.B] Total suspended particulate <= 1.53 lb/hr. The rate of emission shall be the total of all emission points from the source.
Which Months: All Year Statistical Basis: None specified
- 33 [LAC 33:III.501.C.6] PM emissions are routed to the Torit Dust Collector, which is listed as an Insignificant Activity. VOC emissions vent through a separate blower to the atmosphere.

EQT 0344 3221-F - MPF Chloroacetone/Bleach/H2SO4 Wastewater

- 34 [LAC 33:III.2103.E.1] VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified
- 35 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0345 3233-F - Aqueous Waste Storage Tank

- 36 [LAC 33:III.2103.E.1] VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

EQT 0345 3233-F - Aqueous Waste Storage Tank

37 [LAC 33:III.2103.I]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

FUG 0007 MPPFUG - MPF Equipment Fugitives

38 [40 CFR 63.2480(a)]

Comply with the requirements in 40 CFR 63 Subpart UU and the requirements referenced therein, except as specified in 40 CFR 63.2480(b) and (d). Subpart FFFF. [40 CFR 63.2480(a)]

39 [LAC 33:III.501]

Comply with LAC 33:III.2122, 40 CFR 60 Subpart VV, 40 CFR 63 Subpart FFFF, CFR 40 CFR 63 Subpart UU, and 40 CFR 64 Subpart BB by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR Subpart UU.

RLP 0125 7-87 - MPF Vent Gas Combustor w/Scrubber

40 [40 CFR 63.2450(e)(1)]

Meet the requirements of 40 CFR 63.982(c) and the requirements referenced therein, except when complying with 40 CFR 63.2485. Subpart FFFF. [40 CFR 63.2450(e)(1)]

41 [40 CFR 63.2455(a)]

Organic HAP >= 98 % reduction by weight, or OHAP or TOC <= 20 ppmv. Subpart FFFF. [40 CFR 63.2455(a)]

42 [40 CFR 63.2460(a)]

Which Months: All Year Statistical Basis: None specified
Organic HAP <= 20 ppmv. Subpart FFFF. [40 CFR 63.2460(a)]

43 [40 CFR 63.2460(a)]

Which Months: All Year Statistical Basis: None specified
Organic HAP >= 98 % reduction by weight. Subpart FFFF. [40 CFR 63.2460(a)]

44 [40 CFR 63.2470(a)]

Which Months: All Year Statistical Basis: None specified
HAP >= 95 % reduction by weight, or TOC or organic HAP <= 20 ppmv and hydrogen halides and halogens < 20 ppmv. Subpart FFFF. [40 CFR 63.2470(a)]

45 [40 CFR 63.2470(d)]

Which Months: All Year Statistical Basis: None specified
Ensure that periods of planned routine maintenance of each control device, during which the control device does not meet the emission limit specified in 40 CFR 63 Subpart FFFF Table 4, do not exceed 240 hours per year (hr/yr). Subpart FFFF. [40 CFR 63.2470(d)]

46 [40 CFR 63.2505(a)(1)(A)]

Total Organic Compounds (TOC) <= 20 ppmv. Subpart FFFF. [40 CFR 63.2505(a)(1)(A)]

47 [40 CFR 63.2505(a)(1)(B)]

Which Months: All Year Statistical Basis: None specified
Hydrogen halides and halogens <= 20 ppmv. Subpart FFFF. [40 CFR 63.2505(a)(1)(B)]

48 [40 CFR 63.2505(a)(1)(ii)]

Which Months: All Year Statistical Basis: None specified
HAP <= 50 ppmv. Subpart FFFF. [40 CFR 63.2505(a)(1)(ii)]

49 [40 CFR 63.2505(a)(1)(ii)]

Which Months: All Year Statistical Basis: None specified
Hydrogen halides and halogens <= 50 ppmv. Subpart FFFF. [40 CFR 63.2505(a)(1)(ii)]

50 [40 CFR 63.2505(b)]

Demonstrate compliance with 40 CFR 63.2505(a) by meeting the requirements of 40 CFR 63.1258(b)(5) beginning no later than the initial compliance date specified in 40 CFR 63.2445, except as specified in 40 CFR 63.2505(b)(1) through (b)(9). Subpart FFFF. [40 CFR 63.2505(b)]

51 [40 CFR 63.2525]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

RLP 0125 7-87 - MPF Vent Gas Combustor w/Scrubber

- 52 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 53 [LAC 33:III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 54 [LAC 33:III.1513.C] Nonhalogenated hydrocarbon burning: Temperature \geq 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent.
Which Months: All Year Statistical Basis: None specified
- 55 [LAC 33:III.2115.B] Halogenated hydrocarbons, total \geq 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ.
Which Months: All Year Statistical Basis: None specified
- 56 [LAC 33:III.2115.F] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
pH \geq 5.5 s.u. when combusting halogenated compounds.
Which Months: All Year Statistical Basis: None specified
- 57 [LAC 33:III.2115.K] Minimum destruction and removal efficiency DRE of 99.7% for total hydrocarbons (THC) and 99% DRE for hydrogen chloride.
Hydrogen fluoride $<$ 0.001 lb/hr.
Which Months: Phases: Statistical Basis: Hourly maximum
Flow rate \geq 38 gallons/min when combusting halogenated compounds.
Which Months: All Year Statistical Basis: None specified
- 58 [LAC 33:III.501.C.6] Hydrogen fluoride $<$ 0.001 tons/yr.
Which Months: Phases: Statistical Basis: Annual maximum
- 59 [LAC 33:III.501.C.6] Hydrogen fluoride $<$ 0.001 lb/hr.
Which Months: Phases: Statistical Basis: Hourly average
- 60 [LAC 33:III.501.C.6] pH monitored by pH instrument daily.
Which Months: All Year Statistical Basis: None specified
- 61 [LAC 33:III.501.C.6] Flow rate recordkeeping by electronic or hard copy daily.
Flow rate monitored by flow rate monitoring device daily.
Which Months: All Year Statistical Basis: None specified
- 62 [LAC 33:III.501.C.6] pH recordkeeping by electronic or hard copy daily.
Which Months: All Year Statistical Basis: None specified
- 63 [LAC 33:III.501.C.6]
- 64 [LAC 33:III.507.H.1.a]
- 65 [LAC 33:III.507.H.1.a]
- 66 [LAC 33:III.507.H.1.a]
- 67 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS**AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant****Activity Number: PER20080007****Permit Number: 2842-V2****Air - Title V Regular Permit Renewal****RLP 0125 7-87 - MPF Vent Gas Combustor w/Scrubber**

- 68 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 69 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be controlling Hydrochloric Acid with a 99% efficiency.

UNF 0004 - Multi-Product Facility

- 70 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 71 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table xx of 40 CFR 63 Subpart xx.
- 72 [40 CFR 68.15(a)] Develop a management system to oversee the implementation of the risk management program elements. [40 CFR 68.15(a)]
- 73 [40 CFR 68.15(b)] Assign a qualified person or position that has the overall responsibility for the development, implementation, and integration of the risk management program elements. [40 CFR 68.15(b)]
- 74 [40 CFR 68.15(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the names or positions of the people, other than the person identified under 68.15(b), who are assigned responsibility for implementing individual requirements of 40 CFR 68. [40 CFR 68.15(c)]
- 75 [40 CFR 68.15(c)] Define the lines of authority through an organization chart or similar document when responsibility for implementing individual requirements of 40 CFR 68 is assigned to persons other than the person identified under 68.15(b). [40 CFR 68.15(c)]
- 76 [40 CFR 68.150] Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999. "Initial RMP submitted June 16, 1999"
- 77 [40 CFR 68.153] Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
- 78 [40 CFR 68.160] Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
- 79 [40 CFR 68.165] Submit in the RMP information the release scenarios specified in 68.165(a)(2). Include the data listed in 68.165(b)(1) through (13).
- 80 [40 CFR 68.168] Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
- 81 [40 CFR 68.175] Provide in the RMP the information indicated in 68.175(b) through (p).
- 82 [40 CFR 68.180] Provide in the RMP the emergency response information listed in 68.180(a) through (c).
- 83 [40 CFR 68.185(b)] Submit in the RMP a single certification that, to the best of the signer's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete. [40 CFR 68.185(b)]
- 84 [40 CFR 68.190(c)] Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
- 85 [40 CFR 68.190] Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
- 86 [40 CFR 68.200] Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
- 87 [40 CFR 68.22] Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 88 [40 CFR 68.25] Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
- 89 [40 CFR 68.28] Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
- 90 [40 CFR 68.30] Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 91 [40 CFR 68.33] List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 92 [40 CFR 68.36(b)] Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
- 93 [40 CFR 68.36] Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
- 94 [40 CFR 68.39] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (c) on the offsite consequence analyses.
- 95 [40 CFR 68.42] Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
- 96 [40 CFR 68.65(a)] Compile written process safety information, which includes information pertaining to the hazards of the regulated substances used or produced by the process, information pertaining to the technology of the process, and information pertaining to the equipment in the process, before conducting any process hazard analysis required by 40 CFR 68. [40 CFR 68.65(a)]
- 97 [40 CFR 68.65(d)(2)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that equipment complies with recognized and generally accepted good engineering practices. [40 CFR 68.65(d)(2)]
- 98 [40 CFR 68.65(d)(3)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
- 99 [40 CFR 68.65(d)(3)] Determine that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
- 100 [40 CFR 68.67(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
- 101 [40 CFR 68.67(a)] Determine the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
- 102 [40 CFR 68.67(b)] Use one or more of the methodologies in Sec. 68.67(b)(1) through (b)(7) to determine and evaluate the hazards of the process being analyzed. [40 CFR 68.67(b)]

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 103 [40 CFR 68.67(d)] Use a team with expertise in engineering and process operations to perform the process hazard analysis. Include at least one employee who has experience and knowledge specific to the process being evaluated, and at least one employee who is knowledgeable in the specific process hazard analysis methodology being used. [40 CFR 68.67(d)]
- 104 [40 CFR 68.67(e)] Establish a system to promptly address the team's findings and recommendations; assure that the recommendations are resolved in a timely manner and that the resolution is documented; document what actions are to be taken; complete actions as soon as possible; develop a written schedule of when these actions are to be completed; communicate the actions to operating, maintenance and other employees whose work assignments are in the process and who may be affected by the recommendations or actions. [40 CFR 68.67(e)]
- 105 [40 CFR 68.67(e)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the resolution of the recommendations of the team performing the process hazard analysis, and what actions are to be taken. [40 CFR 68.67(e)]
- 106 [40 CFR 68.67(f)] Update and revalidate the process hazard analysis at least every five years after the completion of the initial process hazard analysis, to assure that the process hazard analysis is consistent with the current process. Use a team that meets the requirements in Sec. 68.67(d). [40 CFR 68.67(f)]
- 107 [40 CFR 68.67(g)] Retain process hazards analyses and updates or revalidations for each process covered by this section, as well as the documented resolution of recommendations described in Sec. 68.67(e), for the life of the process. [40 CFR 68.67(g)]
- 108 [40 CFR 68.67] Perform an initial process hazard analysis (hazard evaluation) on processes covered by 40 CFR 68 as soon as possible, but not later than June 21, 1999. The process hazard analysis shall identify, evaluate, and control the hazards involved in the process, and address the information in 40 CFR 68.67(c)(1) through (7).
- 109 [40 CFR 68.69(a)] Develop and implement written operating procedures that provide clear instructions for safely conducting activities involved in each covered process consistent with the process safety information. Address steps for each operating phase, operating limits, safety and health considerations, and safety systems and their functions in the procedures. [40 CFR 68.69(a)]
- 110 [40 CFR 68.69(b)] Make operating procedures readily accessible to employees who work in or maintain a process. [40 CFR 68.69(b)]
- 111 [40 CFR 68.69(c)] Review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources. Certify annually that these operating procedures are current and accurate. [40 CFR 68.69(c)]
- 112 [40 CFR 68.69(d)] Develop and implement safe work practices to provide for the control of hazards during specific operations. [40 CFR 68.69(d)]
- 113 [40 CFR 68.71(a)(1)] Train each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, in an overview of the process and in the operating procedures as specified in Sec. 68.69. Emphasize the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks. [40 CFR 68.71(a)(1)]
- 114 [40 CFR 68.71(b)] Provide refresher training at least every three years, and more often if necessary, to each employee involved in operating a process to assure that the employee understands and adheres to the current operating procedures of the process. [40 CFR 68.71(b)]
- 115 [40 CFR 68.71(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Prepare a record which contains the identity of the employee, the date of training required by 40 CFR 68.71, and the means used to verify that the employee understood the training. [40 CFR 68.71(c)]
- 116 [40 CFR 68.71(c)] Ascertain that each employee involved in operating a process has received and understood the training required by Sec. 68.71. [40 CFR 68.71(c)]

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 117 [40 CFR 68.73(b)] Establish and implement written procedures to maintain the ongoing integrity of process equipment listed in Sec. 68.73(a). [40 CFR 68.73(b)]
- 118 [40 CFR 68.73(c)] Train each employee involved in maintaining the ongoing integrity of process equipment in an overview of that process and its hazards and in the procedures applicable to the employee's job tasks to assure that the employee can perform the job tasks in a safe manner. [40 CFR 68.73(c)]
- 119 [40 CFR 68.73(d)(4)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document each inspection and test that has been performed on process equipment. Maintain records of the information specified in Sec. 68.73(d)(4). [40 CFR 68.73(d)(4)]
- 120 [40 CFR 68.73(d)] Perform inspections and tests following recognized and generally accepted good engineering practices on process equipment listed in 40 CFR 68.73(a). Make the frequency of inspections and tests consistent with applicable manufacturer's recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience. [40 CFR 68.73(d)]
- 121 [40 CFR 68.73(e)] Correct deficiencies in equipment that are outside acceptable limits before further use or in a safe and timely manner when necessary means are taken to assure safe operation. [40 CFR 68.73(e)]
- 122 [40 CFR 68.73(f)] Assure that equipment as it is fabricated is suitable for the process application for which it will be used, in the construction of new plants and equipment. Perform appropriate checks and inspections to assure that equipment is installed properly and consistent with design specifications and the manufacturer's instructions. Assure that maintenance materials, spare parts and equipment are suitable for the process application for which they will be used. [40 CFR 68.73(f)]
- 123 [40 CFR 68.75(c)] Inform employees involved in operating a process, and maintenance and contract employees whose job tasks will be affected, of a change in the process and train them in the change, prior to start-up of the process or affected part of the process. [40 CFR 68.75(c)]
- 124 [40 CFR 68.75(d)] Update the process safety information required by Sec. 68.65 if a change covered by 68.75 results in a change in the process safety information. [40 CFR 68.75(d)]
- 125 [40 CFR 68.75(e)] Update the operating procedures or practices required by Sec. 68.69 if a change covered by 68.75 results in a change in the operating procedures or practices. [40 CFR 68.75(e)]
- 126 [40 CFR 68.75] Establish and implement written procedures to manage changes to process chemicals, technology, equipment, and procedures; and, changes to stationary sources that affect a covered process. Assure that the considerations specified in Sec. 68.75(b)(1) through (b)(5) are addressed prior to any change.
- 127 [40 CFR 68.77] Perform a pre-startup safety review for new stationary sources and for modified stationary sources when the modification is significant enough to require a change in the process safety information. Safety review must confirm the information specified in Sec. 68.77(b)(1) through (b)(4) prior to the introduction of regulated substances to a process.
- 128 [40 CFR 68.79(c)] Develop a report of the findings of the compliance audit required by 40 CFR 68.79(a). [40 CFR 68.79(c)]
- 129 [40 CFR 68.79(d)] Determine an appropriate response to each of the findings of the compliance audit. [40 CFR 68.79(d)]
- 130 [40 CFR 68.79(d)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the appropriate response to each of the findings of the compliance audit, and document that deficiencies have been corrected. [40 CFR 68.79(d)]
- 131 [40 CFR 68.79(e)] Retain the two (2) most recent compliance audit reports. [40 CFR 68.79(e)]
- 132 [40 CFR 68.79] Conduct compliance audit: Due at least every three years. Certify compliance with the provisions of the prevention program to verify that procedures and practices developed under 40 CFR 68 are adequate and are being followed. Conduct compliance audit by at least one person knowledgeable in the process.

SPECIFIC REQUIREMENTS

AJ ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 133 [40 CFR 68.81(c)] Establish an incident investigation team consisting of at least one person knowledgeable in the process involved, including a contract employee if the incident involved work of the contractor, and other persons with appropriate knowledge and experience to thoroughly investigate and analyze the incident. [40 CFR 68.81(c)]
- 134 [40 CFR 68.81(e)] Establish a system to promptly address and resolve the incident report findings and recommendations. [40 CFR 68.81(e)]
- 135 [40 CFR 68.81(e)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document resolutions and corrective actions of the incident report findings and recommendations. [40 CFR 68.81(e)]
- 136 [40 CFR 68.81] Prepare a report at the conclusion of the incident investigation which includes, at a minimum, the information specified in 40 CFR 68.81(d)(1) through (5). Review the report with all affected personnel whose job tasks are relevant to the incident findings including contract employees where applicable. Retain the incident investigation reports for five years.
- 137 [40 CFR 68.81] Conduct incident investigation: Due as promptly as possible, but not later than 48 hours following each incident which resulted in, or could reasonably have resulted in a catastrophic release of a regulated substance.
- 138 [40 CFR 68.83(a)] Develop a written plan of action regarding the implementation of the employee participation required by 40 CFR 68. [40 CFR 68.83(a)]
- 139 [40 CFR 68.83(b)] Consult with employees and their representatives on the conduct and development of process hazards analyses and on the development of the other elements of process safety management. [40 CFR 68.83(b)]
- 140 [40 CFR 68.83(c)] Provide to employees and their representatives access to process hazard analyses and to all other information required to be developed under 40 CFR 68. [40 CFR 68.83(c)]
- 141 [40 CFR 68.85] Issue a hot work permit for hot work operations conducted on or near a covered process. Document in the permit that the fire prevention and protection requirements in 29 CFR 1910.252(a) have been implemented prior to beginning the hot work operations; indicate the date(s) authorized for hot work; and identify the object on which hot work is to be performed. Keep permit on file until completion of the hot work operations.
- 142 [40 CFR 68.87(b)(1)] Obtain and evaluate information regarding the contract owner or operator's safety performance and programs, when selecting a contractor. [40 CFR 68.87(b)(1)]
- 143 [40 CFR 68.87(b)(2)] Inform contract owner or operator of the known potential fire, explosion, or toxic release hazards related to the contractor's work and the process. [40 CFR 68.87(b)(2)]
- 144 [40 CFR 68.87(b)(3)] Explain to the contract owner or operator the applicable provisions of 40 CFR 68 Subpart E. [40 CFR 68.87(b)(3)]
- 145 [40 CFR 68.87(b)(4)] Develop and implement safe work practices consistent with Sec. 68.69(d), to control the entrance, presence, and exit of the contract owner or operator and contract employees in covered process areas. [40 CFR 68.87(b)(4)]
- 146 [40 CFR 68.87(b)(5)] Periodically evaluate the performance of the contract owner or operator in fulfilling their obligations as specified in 40 CFR 68.87(c). [40 CFR 68.87(b)(5)]
- 147 [40 CFR 68.95(a)] Develop and implement an emergency response program for the purpose of protecting public health and the environment. Include in the program the elements listed in 40 CFR 68.95(a)(1) through (4). [40 CFR 68.95(a)]
- 148 [40 CFR 68.95(c)] Coordinate the emergency response plan developed under 68.95(a)(1) with the community emergency response plan developed under 42 U.S.C. 11003. Upon request of the local emergency planning committee or emergency officials, promptly provide information necessary for developing and implementing the community emergency response plan. [40 CFR 68.95(c)]
- 149 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 150 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 151 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 152 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 153 [40 CFR 82.Subpart F] Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
- 154 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 155 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 156 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 157 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 158 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 159 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 160 [LAC 33:III.501.C.1] Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5. Submit a timely and complete permit application to the Office of Environmental Services as required in accordance with the procedures in LAC 33:III.Chapter 5.
- 161 [LAC 33:III.501.C.2] No construction, modification, or operation of a facility which ultimately may result in an initiation or increase in emission of air contaminants as defined in LAC 33:III.111 shall commence until the permit application has been approved, an appropriate permit fee paid (in accordance with LAC 33:III.Chapter 2), and a permit (certificate of approval) has been issued by the permitting authority.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant
Activity Number: PER20080007
Permit Number: 2842-V2
Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 162 [LAC 33:III.501.C.4] Operate the source in accordance with all terms and conditions of this permit.
- 163 [LAC 33:III.501.C.6] Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).
- 164 [LAC 33:III.501.C.6] Comply with terms and conditions incorporated in the permit to ensure compliance with all state and federally applicable air quality requirements and standards at the source, and such other permit terms and conditions as determined by the permitting authority to be reasonable and necessary.
- 165 [LAC 33:III.501.C.6] Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.213.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).
- 166 [LAC 33:III.507.A.1.a] Any major source as defined in LAC 33:III.502 is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
- 167 [LAC 33:III.507.E.4] Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
- 168 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 169 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
- 170 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 171 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 172 [LAC 33:III.5107.A.2] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 173 [LAC 33:III.5107.A] Submit Annual Emissions Report: Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 174 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 175 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923.
- 176 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931.
- 177 [LAC 33:III.5107.B.4] Submit notification in the manner provided in LAC 33:I.3923.
- 178 [LAC 33:III.5107.B.5] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 179 [LAC 33:III.5109.C] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, **IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES**, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 180 [LAC 33:III.5113.A.1] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
- 181 [LAC 33:III.5113.A.2] Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
- 182 [LAC 33:III.511] Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
- 183 [LAC 33:III.517.A.1] Submit notification: Due to the permitting authority prior to the initiation of any project which will result in emission reductions. Include in the notification a description of the proposed action, a location map, a description of the composition of air contaminants involved, the rate and temperature of the emissions, the identity of the sources involved and the change in emissions. Make any appropriate permit revision reflecting the emission reduction no later than 180 days after commencement of operation and in accordance with the procedures of LAC 33:III.Chapter 5. Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.
- 184 [LAC 33:III.517.A.2] Submit permit application: Due by the date established for submittal in accordance with LAC 33:III.507.C. The permit application is for an initial permit to be issued in accordance with LAC 33:III.507. Provide a copy of each permit application pertaining to a major Part 70 source to EPA at the time of application submittal to the permitting authority.

SPECIFIC REQUIREMENTS

AI ID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

- 185 [LAC 33:III.517.B.1] Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.
- 186 [LAC 33:III.517.C] Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.
- 187 [LAC 33:III.517.D] Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.
- 188 [LAC 33:III.517.E] In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
- 189 [LAC 33:III.517.G] Submit change of ownership notification in accordance with LAC 33:I.Chapter 19.
- 190 [LAC 33:III.523.A] Submit permit modification application: Due within 45 days of obtaining relevant test results. The permit modification or amendment shall include all information necessary to process the request, and is required if testing demonstrates that the terms and conditions of the existing permit are inappropriate or inaccurate.
- 191 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 192 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 193 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 194 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 195 [LAC 33:III.5611.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- 196 [LAC 33:III.5611.B] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 197 [LAC 33:III.5901.A] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the departments to enforce these regulations.
- 198 [LAC 33:III.5907] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 199 [LAC 33:III.5911.A] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 200 [LAC 33:III.5911.C] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 201 [LAC 33:III.919.D] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.

SPECIFIC REQUIREMENTS

AJID: 2367 - Syngenta Crop Protection Inc - St Gabriel Plant

Activity Number: PER20080007

Permit Number: 2842-V2

Air - Title V Regular Permit Renewal

UNF 0004 - Multi-Product Facility

202 [LAC 33:III.927]

Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.